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1. Document ID: US 20040241215 A1

AB: A system for managing a skin wound, including at least one occlusive dressing; and at least one moldable composition, in which the occlusive dressing includes an occlusive layer and a fluid-absorbing pressure-sensitive adhesive material including a mixture of an adhesive material and at least one water-soluble and/or water-swellable polymer, and the moldable composition is moldable to fill body contours adjacent and/or overlapping the skin wound and when used with the occlusive dressing substantially all portions of the skin wound can be in contact with one of the moldable composition or the occlusive dressing.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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2. Document ID: US 20040043146 A1

AB: Adhesive compositions that include self-assembling molecules, adhesives and adhesive articles produced therefrom, and methods of making and using such adhesives.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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3. Document ID: US 20030221776 A1

AB: A method of production of veneer assemblies is provided wherein a thermocurable adhesive is placed along the joint between adjacent veneer sheets and a core substrate and subjected to heat pressing to bond the veneer to the core substrate.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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4. Document ID: US 20030174195 A1

AB: On ink jet recorded matter comprising an ink jet recording medium having a substrate and an ink receiving layer formed thereon containing porous inorganic particles and an image formed with a pigment

ink on the ink receiving layer, a protective layer covering the image is formed by thermally transferring a transfer layer from a heat-resistant carrier onto the image. The ink jet recording medium comprises a substrate and an ink receiving layer formed on one side of the substrate, wherein an ink jet recorded image and a protective layer covering the image are to be formed on the surface of the ink receiving layer, said side of the substrate, before the formation of the ink receiving layer, having a Bekk's surface smoothness of 200 seconds or higher and the surface of the ink receiving layer having a Bekk's surface smoothness of 60 seconds or higher. Also disclosed is an ink jet recording medium having no ink receiving layer, which comprises a substrate treated with a solution of a metal salt and in which the front and back sides of the substrate each have a Bekk's surface smoothness of 200 seconds or higher.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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5. Document ID: US 20030134108 A1

AB: A method of production of veneer assemblies is provided wherein an adhesive tape is placed along the joint between adjacent veneer sheets and a core substrate and subjected to heat pressing to bond the veneer to the core substrate.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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6. Document ID: US 20020007014 A1

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and the second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrinous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Drawn Des
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7. Document ID: US 6857736 B2

AB: On ink jet recorded matter comprising an ink jet recording medium having a substrate and an ink receiving layer formed thereon containing porous inorganic particles and an image formed with a pigment ink on the ink receiving layer, a protective layer covering the image is

formed by thermally transferring a transfer layer from a heat-resistant carrier onto the image. The ink jet recording medium comprises a substrate and an ink receiving layer formed on one side of the substrate, wherein an ink jet recorded image and a protective layer covering the image are to be formed on the surface of the ink receiving layer, said side of the substrate, before the formation of the ink receiving layer, having a Bekk's surface smoothness of 200 seconds or higher and the surface of the ink receiving layer having a Bekk's surface smoothness of 60 seconds or higher. Also disclosed is an ink jet recording medium having no ink receiving layer, which comprises a substrate treated with a solution of a metal salt and in which the front and back sides of the substrate each have a Bekk's surface smoothness of 200 seconds or higher.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. Des.](#)

8. Document ID: US 6767492 B2

AB: A die apparatus, a method of using the die apparatus to produce co-extruded polymeric articles, and co-extruded polymeric articles produced using the die apparatus and method are disclosed. The die apparatus includes a hollow vane configured to extrude a material into a chamber within the die, thereby producing a co-extruded web. The co-extruded web has a plurality of distinct, discontinuous phases in the cross-web direction, the phases having a uniform width as shown by a coefficient of variation of less than 8 percent for any three consecutive phases. The phases are substantially continuous down-web and are surrounded by a matrix having two or more layers.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. Des.](#)

9. Document ID: US 6743470 B2

AB: Adhesive compositions that include self-assembling molecules, adhesives and adhesive articles produced therefrom, and methods of making and using such adhesives.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw. Des.](#)

10. Document ID: US 6632872 B1

AB: Adhesive compositions that include self-assembling molecules, adhesives and adhesive articles produced therefrom, and methods of making and using such adhesives.

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Des](#)

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11. Document ID: US 6632522 B1

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Des](#)

12. Document ID: US 6630238 B2

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and the second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#) [Claims](#) [KMC](#) [Drawn Des](#)

13. Document ID: US 6543199 B1

AB: A method is disclosed for covering a roof with seamable sheet material for roofing prepared from a polymeric composition of matter comprising the steps of: applying layers of sheet material prepared from a seamable polymeric composition of matter to the roof being covered, overlapping adjacent edges of said layers, and adhering the overlapped areas to provide an acceptable seam strength; wherein the composition of matter comprises an interpolymer of ethylene, propylene, and at least two nonconjugated dienes, each having one reactive double bond.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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14. Document ID: US 6447875 B1

AB: A die apparatus, a method of using the die apparatus to produce co-extruded polymeric articles, and co-extruded polymeric articles produced using the die apparatus and method are disclosed. The die apparatus includes a hollow vane configured to extrude a material into a chamber within the die, thereby producing a co-extruded web. The co-extruded web has a plurality of distinct, discontinuous phases in the cross-web direction, the phases having a uniform width as shown by a coefficient of variation of less than 8 percent for, any three consecutive phases. The phases are substantially continuous down-web and are surrounded by a matrix having two or more layers.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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15. Document ID: US 6063838 A

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and the second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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16. Document ID: US 6048806 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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17. Document ID: US 6042882 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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18. Document ID: US 5985775 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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19. Document ID: US 5795834 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMPC	Drawn Des
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20. Document ID: US 5580630 A

AB: A multi-layer article that includes a layer of a water-soluble polymer that provides a water-removable, non-tacky film over an adhesive layer and/or acts as an adhesive for securing the multi-layer article to a substrate, such as concrete, when wetted. The article forms a water barrier capable of being secured to an area of potential water flow

including a layer of flexible, water-impermeable sheet material having a continuous or discontinuous coating of a water-soluble polymer thereon. When the water-soluble polymer is wetted to at least partially solubilize the water-soluble coating, the polymer readily adheres the article to a substrate at the area of potential water flow. In a preferred embodiment, the flexible sheet material includes a layer of adhesive (tacky material) and the adhesive layer is coated with the layer of water-soluble polymer to eliminate the necessity of using a sheet of release paper to prevent the adhesive layer from adhering to itself, when in roll form, and during handling and installation.

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21. Document ID: US 5459174 A

AB: A radiation curable functionalized polymer is disclosed. The functionalized polymer is a copolymer of an isoolefin of 4 to 7 carbon atoms and para-alkylstyrene, wherein the para-alkylstyrene is functionalized with an acrylate or a mixture of acrylates and/or a photosensitizer and/or other functional groups at the para-alkyl groups of the para-alkylstyrene.

Full Title Citation Front Review Classification Date Reference Citation Relationship Claims KMC Draw Desc

22. Document ID: US 5110607 A

AB: The present invention is a chewing gum base composition which includes an elastomer and a resin prepared in the absence of rosin esters and terpene components which includes an elastomer component raised to a compatibilization temperature for addition of a compatibilization component. The composition includes a high melting point wax compatibilization component added under low shear mixing conditions at a temperature sufficient to masticate the elastomer for forming a substantially homogeneous mass with the resin component. The compatibilization component is capable of effectuating dissociation of the elastomer under the conditions of temperature and mixing for forming the substantially homogeneous mass. Finally, a resin component is added also under low shear mixing conditions and mildly elevated temperatures until a substantially homogenous gum base mass is formed.

Full Title Citation Front Review Classification Date Reference Submitter Author Name Claims KWIC Draw Desc

23. Document ID: US 5106447 A

AB: Insulation assemblies for the HVAC industry are bonded by spray application of a hot melt adhesive composition comprising 10 to 50 percent of an isostatic thermoplastic polybutene-1/ethylene copolymer containing from about 5.5 to about 10% by weight ethylene; 20 to 50 percent of a tackifier; 15 to 50 percent of an amorphous diluent having a softening point greater than 90.degree. C.; 0 to 2 percent antioxidant; and 0 to 5 percent wax.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sentences	Paragraphs	Claims	KMC	Draw. Des.
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24. Document ID: US 4956207 A

AB: Rigid substrates for case and carton sealing and traymaking applications are bonded by spray application of a hot melt adhesive composition comprising 25 to 50 percent of an isotactic thermoplastic polybutene-1/ethylene copolymer containing from about 5.5 to about 10% by weight ethylene; 20 to 60 percent of a tackifier; 15 to 30 percent of an amorphous diluent having a softening point greater than 90.degree. C.; 0 to 2 percent antioxidant; and 0 to 10 percent wax or oil.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sentences	Paragraphs	Claims	KMC	Draw. Des.
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25. Document ID: US 4874858 A

AB: At least three, and as many as eighteen, most preferably at least nine, crosslinking sites are provided through the alkoxy groups in multiple chains on a triazine ring (hence "multisilane"), on a single molecule of the multisilane. The multisilane, useful as a coupling agent, is formed by reacting a triazine-containing compound with a suitable aminoalkyl-alkoxysilane, or, alkyl-aminoalkyl-alkoxysilane in either an anhydrous, or an aqueous liquid medium. A size containing the multisilane, enhances the reinforced properties of organic synthetic resinous materials in which the fibers are used, and most particularly those of rigid poly (vinyl chloride) (PVC) with which it provides cohesive bonding of glass fiber surfaces. Glass fibers coated with a basic film former and the multisilane are covalently bonded on the one hand through some of at least nine alkoxy groups on each of the multisilane molecules, to Si atoms of a glass surface, and on the other hand, through at least some of the amine groups on each of the molecules, to the vinyl chloride (VC) resin in a reaction which involves allylic chloride bonds in the VC resin. The multisilane is effective in adhesives for a wide variety of materials, and in protective coatings.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sentences	Paragraphs	Claims	KMC	Draw. Des.
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26. Document ID: US 4464453 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

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27. Document ID: US 4419430 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being abhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachment](#) | [Claims](#) | [KMC](#) | [Draw. Des](#)

28. Document ID: US 4370400 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being abhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequence](#) | [Attachment](#) | [Claims](#) | [KMC](#) | [Draw. Des](#)

29. Document ID: US 4368250 A

AB: The subject invention pertains to a dry transfer imaging

technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are adhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Email](#) | [Claims](#) | [KMC](#) | [Draw. Des.](#)

30. Document ID: US 4367276 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are adhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image bearing carrier sheet, enhance the adherability of said image to the exterior surface.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Search](#) | [Print](#) | [Email](#) | [Claims](#) | [KMC](#) | [Draw. Des.](#)

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1. Document ID: US 6857736 B2

AB: On ink jet recorded matter comprising an ink jet recording medium having a substrate and an ink receiving layer formed thereon containing porous inorganic particles and an image formed with a pigment ink on the ink receiving layer, a protective layer covering the image is formed by thermally transferring a transfer layer from a heat-resistant carrier onto the image. The ink jet recording medium comprises a substrate and an ink receiving layer formed on one side of the substrate, wherein an ink jet recorded image and a protective layer covering the image are to be formed on the surface of the ink receiving layer, said side of the substrate, before the formation of the ink receiving layer, having a Bekk's surface smoothness of 200 seconds or higher and the surface of the ink receiving layer having a Bekk's surface smoothness of 60 seconds or higher. Also disclosed is an ink jet recording medium having no ink receiving layer, which comprises a substrate treated with a solution of a metal salt and in which the front and back sides of the substrate each have a Bekk's surface smoothness of 200 seconds or higher.

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2. Document ID: US 6767492 B2

AB: A die apparatus, a method of using the die apparatus to produce co-extruded polymeric articles, and co-extruded polymeric articles produced using the die apparatus and method are disclosed. The die apparatus includes a hollow vane configured to extrude a material into a chamber within the die, thereby producing a co-extruded web. The co-extruded web has a plurality of distinct, discontinuous phases in the cross-web direction, the phases having a uniform width as shown by a coefficient of variation of less than 8 percent for any three consecutive phases. The phases are substantially continuous down-web and are surrounded by a matrix having two or more layers.

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3. Document ID: US 6743470 B2

AB: Adhesive compositions that include self-assembling molecules, adhesives and adhesive articles produced therefrom, and methods of making

and using such adhesives.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Des
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4. Document ID: US 6632872 B1

AB: Adhesive compositions that include self-assembling molecules, adhesives and adhesive articles produced therefrom, and methods of making and using such adhesives.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Des
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5. Document ID: US 6632522 B1

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Des
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6. Document ID: US 6630238 B2

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and the second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Drawn Des
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7. Document ID: US 6543199 B1

AB: A method is disclosed for covering a roof with seamable sheet material for roofing prepared from a polymeric composition of matter comprising the steps of: applying layers of sheet material prepared from a seamable polymeric composition of matter to the roof being covered, overlapping adjacent edges of said layers, and adhering the overlapped areas to provide an acceptable seam strength; wherein the composition of matter comprises an interpolymer of ethylene, propylene, and at least two nonconjugated dienes, each having one reactive double bond.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Assignments	Claims	KM/C	Drawn Des
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 8. Document ID: US 6447875 B1

AB: A die apparatus, a method of using the die apparatus to produce co-extruded polymeric articles, and co-extruded polymeric articles produced using the die apparatus and method are disclosed. The die apparatus includes a hollow vane configured to extrude a material into a chamber within the die, thereby producing a co-extruded web. The co-extruded web has a plurality of distinct, discontinuous phases in the cross-web direction, the phases having a uniform width as shown by a coefficient of variation of less than 8 percent for, any three consecutive phases. The phases are substantially continuous down-web and are surrounded by a matrix having two or more layers.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Assignments	Claims	KM/C	Drawn Des
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 9. Document ID: US 6063838 A

AB: A pressure-sensitive adhesive comprising a blend of at least two components, wherein the first component is at least one pressure-sensitive adhesive and the second component is at least one thermoplastic material, wherein the components form a blended composition having more than one domain and, wherein one domain is substantially continuous (generally, the pressure-sensitive adhesive) and the other domain is substantially fibrillous to schistose (generally, the thermoplastic material). The second component can be (a) at least one thermoplastic elastomer, (b) at least one elastomer with a tackifying resin or (c) at least one elastomer.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Assignments	Claims	KM/C	Drawn Des
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 10. Document ID: US 6048806 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of

the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Section 113](#) | [Section 115](#) | [Claims](#) | [KMIC](#) | [Drawn Des](#)

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11. Document ID: US 6042882 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachment](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

12. Document ID: US 5985775 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachment](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

13. Document ID: US 5795834 A

AB: An adhesive tape is provided which comprises a woven cloth, a polymer embedded into the cloth so as to cause the warp and weft fibers of the cloth to bond together at their overlapping points but not to completely encase the fibers, and a pressure sensitive adhesive coated onto at least a portion of the polymer, wherein the adhesive tape is hand tearable in the down-web and in the cross-web direction. A method of manufacturing such a tape is also provided.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachment](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

14. Document ID: US 5580630 A

AB: A multi-layer article that includes a layer of a water-soluble polymer that provides a water-removable, non-tacky film over an adhesive layer and/or acts as an adhesive for securing the multi-layer article to a substrate, such as concrete, when wetted. The article forms a water barrier capable of being secured to an area of potential water flow including a layer of flexible, water-impermeable sheet material having a continuous or discontinuous coating of a water-soluble polymer thereon. When the water-soluble polymer is wetted to at least partially solubilize the water-soluble coating, the polymer readily adheres the article to a substrate at the area of potential water flow. In a preferred embodiment, the flexible sheet material includes a layer of adhesive (tacky material) and the adhesive layer is coated with the layer of water-soluble polymer to eliminate the necessity of using a sheet of release paper to prevent the adhesive layer from adhering to itself, when in roll form, and during handling and installation.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Figures](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

 15. Document ID: US 5459174 A

AB: A radiation curable functionalized polymer is disclosed. The functionalized polymer is a copolymer of an isoolefin of 4 to 7 carbon atoms and para-alkylstyrene, wherein the para-alkylstyrene is functionalized with an acrylate or a mixture of acrylates and/or a photosensitizer and/or other functional groups at the para-alkyl groups of the para-alkylstyrene.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Figures](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

 16. Document ID: US 5110607 A

AB: The present invention is a chewing gum base composition which includes an elastomer and a resin prepared in the absence of rosin esters and terpene components which includes an elastomer component raised to a compatibilization temperature for addition of a compatibilization component. The composition includes a high melting point wax compatibilization component added under low shear mixing conditions at a temperature sufficient to masticate the elastomer for forming a substantially homogeneous mass with the resin component. The compatibilization component is capable of effectuating dissociation of the elastomer under the conditions of temperature and mixing for forming the substantially homogeneous mass. Finally, a resin component is added also under low shear mixing conditions and mildly elevated temperatures until a substantially homogenous gum base mass is formed.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Figures](#) | [Claims](#) | [KMC](#) | [Drawn Des](#)

17. Document ID: US 5106447 A

AB: Insulation assemblies for the HVAC industry are bonded by spray application of a hot melt adhesive composition comprising 10 to 50 percent of an isotactic thermoplastic polybutene-1/ethylene copolymer containing from about 5.5 to about 10% by weight ethylene; 20 to 50 percent of a tackifier; 15 to 50 percent of an amorphous diluent having a softening point greater than 90.degree. C.; 0 to 2 percent antioxidant; and 0 to 5 percent wax.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Patent Images	Claims	KMC	Drawn Des
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 18. Document ID: US 4956207 A

AB: Rigid substrates for case and carton sealing and traymaking applications are bonded by spray application of a hot melt adhesive composition comprising 25 to 50 percent of an isotactic thermoplastic polybutene-1/ethylene copolymer containing from about 5.5 to about 10% by weight ethylene; 20 to 60 percent of a tackifier; 15 to 30 percent of an amorphous diluent having a softening point greater than 90.degree. C.; 0 to 2 percent antioxidant; and 0 to 10 percent wax or oil.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Patent Images	Claims	KMC	Drawn Des
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 19. Document ID: US 4874858 A

AB: At least three, and as many as eighteen, most preferably at least nine, crosslinking sites are provided through the alkoxy groups in multiple chains on a triazine ring (hence "multisilane"), on a single molecule of the multisilane. The multisilane, useful as a coupling agent, is formed by reacting a triazine-containing compound with a suitable aminoalkyl-alkoxysilane, or, alkyl-aminoalkyl-alkoxysilane in either an anhydrous, or an aqueous liquid medium. A size containing the multisilane, enhances the reinforced properties of organic synthetic resinous materials in which the fibers are used, and most particularly those of rigid poly (vinyl chloride) (PVC) with which it provides cohesive bonding of glass fiber surfaces. Glass fibers coated with a basic film former and the multisilane are covalently bonded on the one hand through some of at least nine alkoxy groups on each of the multisilane molecules, to Si atoms of a glass surface, and on the other hand, through at least some of the amine groups on each of the molecules, to the vinyl chloride (VC) resin in a reaction which involves allylic chloride bonds in the VC resin. The multisilane is effective in adhesives for a wide variety of materials, and in protective coatings.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Patent Images	Claims	KMC	Drawn Des
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20. Document ID: US 4464453 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are adhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Section 101](#) | [Section 111](#) | [Claims](#) | [KOMC](#) | [Drawn Desc](#)

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21. Document ID: US 4419430 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being abhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Assignee	Claims	KMC	Draw. Des
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22. Document ID: US 4370400 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being abhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Assignee	Claims	KMC	Draw. Des
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23. Document ID: US 4368250 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the

rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are adhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

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24. Document ID: US 4367276 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being adhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are adhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image bearing carrier sheet, enhance the adherability of said image to the exterior surface.

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25. Document ID: US 4216283 A

AB: The subject invention pertains to a dry transfer imaging technique comprising electrophotographic deposition of an image onto the rear side of a carrier sheet, said carrier sheet being further characterized by being abhesive to the image deposited thereupon; contacting said image-bearing rear side of said carrier sheet with an exterior surface and applying pressure to the front side of said carrier sheet, whereby transfer of said image to said exterior surface is effectuated.

The carrier sheets which are abhesive to the deposited image form a part of the invention. In addition, novel colorless toners have been developed which, when deposited upon the image-bearing carrier sheet, enhance the adherability of said image to the exterior surface.

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